

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

R&B Dept. – State Highways & Major District Roads– Improvements of Four (4) selected State Highway Packages of roads and Four (4) selected Major district Roads packages of roads totally 8 packages of erstwhile districts of East Godavari, West Godavari, Krishna and Guntur districts for an amount of Rs.535.30 crores through Full Depth Reclamation Technology (FDR) on BOT (Semi-Annuity) basis”–Administrative Sanction –Accorded-Orders-Issued.

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**TRANSPORT, ROADS & BUILDINGS (R.IV) DEPARTMENT**

G.O.Ms.No. 44

Dated: 04.08.2023

Read the following:

1. From the CE(R&B) SH & MD, APRDC, AP ,Lr.No.APRDC-110214/1/2023-TEC SEC-APRDC, Dt.17.02.2023
2. From the ENC(R&B) MDRs, AP, Letter No.FDR/ DCE(R)/ EE (TEC)/ DEE3/AE/2022-23/1, dt.17/02/2023
3. Memo No.1996777/R.IV/2023, TR&B(R.IV) Dept,dt.04.05.2023
4. Memo No.1996777/R.IV/2023, TR&B(R.IV) Dept, dt.06.05.2023
5. From the ENC (R&B) MDRs, AP, ConsolidatedLr.FDR/DCE(R)/EE (TEC)/DEE3/AE/2022-23/1, Dt.13.07.2023
6. G.O Rt.No.241, TR&B(R.III) Dept, Dated.1.6.2018

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**ORDER:**

- 1) The Government during several review meetings has taken a decision to improve the roads for a length of about 500 kms in the State through FDR Technology by taking up the works on Annuity basis. These roads would be in the 4 erstwhile districts of Guntur, krishna, West and East Godavari where roads are prone to quick damages due to floods/rain.
- 2) The Chief Engineer (R&B) State Highways & Managing Director, Andhra Pradesh Road Development Corporation and the Engineer-in-Chief (R&B) MDRs have proposed for four plus four packages of roads respectively in the erstwhile districts of East Godavari, West Godavari, Krishna and Guntur districts to be improved through Full Depth Reclamation Technology (FDR) on BOT (Semi-Annuity) basis and requested to accord administrative sanction.
- 3) Government in the 3<sup>rd</sup> read above, have accorded in principle approval to take up for the proposals and directed to conduct Feasibility Report duly following the detailed guidelines given in Chapter-2 of Draft Manual for Procurement of PPP Projects-2022 issued by the Department of Economic Affairs, Government of India etc. Further it directed that the feasibility Report has to be reviewed by a state level technical cum tender evaluation committee and finally send the same to the Government for sanction.

4) The Engineer-in-Chief (R&B) MDRs and the Chief Engineer (R&B) State Highways & Managing Director, Andhra Pradesh Road Development Corporation have furnished consolidated proposals in 8 packages in the erstwhile districts of East Godavari, West Godavari, Krishna and Guntur districts along with Technical and Financial feasibility Report, RFP, report of the technical cum tender evaluation committee, report of Committee of Chief Engineers and requested to accord administrative sanction for an amount of Rs.535.30 crores through Full Depth Reclamation Technology (FDR) on BOT (Semi-Annuity) basis.

5) In the circumstances reported by the Engineer-in-Chief (R&B) MDRs and the Chief Engineer (R&B) State Highways & Managing Director, Andhra Pradesh Road Development Corporation in the consolidated letter 5<sup>th</sup> read above, Government after detailed examination of the proposal, hereby accord administrative sanction for improvements of the following 8 packages of roads (Four selected State Highway Packages and Four selected Major district Roads packages) in the erstwhile districts of East Godavari, West Godavari, Krishna and Guntur for an amount of Rs.535.30 crores(326.50 crs for SHs + 2.50 crs for utility shifting for **SH-FDRT-01 & SH-FDRT-04 packages and 206.30 crores for MDRs**) through Full Depth Reclamation Technology (FDR) on BOT (Semi-Annuity) basis:

**a) State Highways:**

| Sl. No. | Name of Work                                                                                                                                                                                                                                                                                                                                                     | Package No. | Estimate Amount in Rs. Cr. | Total Semi-Annuity to be paid for 10 years in Rs. Cr. | Semi Annuity Amount Rs. Cr. |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|-------------------------------------------------------|-----------------------------|
| 1       | Design, Construction, Finance, Operation, Maintenance and Transfer of "Improvements to 5 State Highways in East Godavari, Kakinada & Dr. B. R. Ambedkar Konaseema Districts through Full Depth Reclamation Technology on BOT (Annuity) Basis"                                                                                                                    | SH-FDRT-01  | 96.50                      | 184.32                                                | 9.22                        |
|         | <ul style="list-style-type: none"> <li>i. Kadiyam-Vedurumudi road from km 0/0 to 10/200 in East Godavari District</li> <li>ii. Mandapeta -Dulla road from Km 0/000 - 7/000 in DR. BR. Ambedkar KonaseemaDist</li> <li>iii. Mandapeta -Jonnada road from Km 0/000 - 13/932 in Dr.B.R.AmbedkarKonaseema Dist</li> <li>iv. Tuni - Kathipudi road from Km</li> </ul> |             |                            |                                                       |                             |

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|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|------|
|   | v. 34/000 - 52/120 in Kakinada Dist<br>Gollaprolu-Rajupalem road from<br>km 6/0 to 16/0 in kakinada<br>District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |       |        |      |
| 2 | Design, Construction, Finance, SH-<br>Operation, Maintenance and Transfer of FDRT-<br>"Improvements to 6 State Highways in 02<br>West Godavari and Eluru District<br>through Full Depth Reclamation<br>Technology on BOT (Annuity) Basis"<br><br>i. Kalipatnam – Bhimavaram road<br>from Km.0.000 to 15.953<br>(SH302) in West Godavari<br>District<br>ii. Chebrolu – Devulapalli Road<br>from Km 14.000 to 19.000<br>(SH182) in Eluru District<br>iii. Vadali to Tadinada from km<br>0.000 8.000 & Km. 14.000 to<br>24.220 (SH 231) in Eluru District.<br>iv. Yernagudem - Ponguturu Road<br>from Km 0.000 to 14.800<br>(SH184) in Eluru District<br>v. Nuzvid - Gannavaram Road from<br>Km 14.200 to 20.000 (SH238) in<br>Eluru District<br>vi. Vadlamannada to Pedalanka<br>Road from km 37.800 to 44.000<br>& Km. 47.000 to 52.900 (SH304)<br>in Eluru District |  | 91.50 | 177.58 | 8.88 |
| 3 | Design, Construction, Finance, SH-<br>Operation, Maintenance and Transfer of FDRT-<br>"Improvement to 6 State Highways in 03<br>Krishna District through Full Depth<br>Reclamation Technology on BOT<br>(Annuity) Basis".<br><br>i. Gudivada-Challapalli-<br>Kothapalem road (SH328) from<br>KM 16.100 to 26.670 in Krishna<br>District<br>ii. Gudivada - Challapalli -<br>Kothapalem road from km 30.00<br>to 39.256<br>iii. Ramanagaram-Nadakuduru road<br>(SH-267) from Km.0.000 to<br>10.800 in Krishna District<br>iv. Mudinepalli-Gudlavalleru road<br>from Km.5.400 to 11.840 (SH-                                                                                                                                                                                                                                                                           |  | 73.00 | 140.62 | 7.03 |

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|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|---------------|--------------|
|   | 312) in Krishna District<br>v. Gudivada Bypass road from Km. 0.000 to 3.660 (SH-241) in Krishna District<br>vi. Kowthavaram-Nidumolu-Iluru road (SH-253) from Km.29.540 to 34.690 in Krishna District.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |               |               |              |
| 4 | Design, Construction, Finance, SH-operation and Maintenance for FDRT-improvement of 5 State Highways in 04 Guntur, Bapatla & Palnadu Districts with Full Depth Reclamation Technology on BOT (Annuity) Basis.<br><br>i. Ponnur - Kakumanu road from Km.8.500 to 16.600 in Guntur District.<br>ii. Guntur - Parchur road from Km. 18.5 to 21.6 & 31.000 to 34.85 in Guntur District<br>iii. Bapatla - Pedanandipadu road from Km. 8/0 to 10/0 Bapatla District & Bapatla – Pedanandipadu road from Km. 16/0 to 17/0 and 22/8 to 25/6 in Guntur District.<br>iv. Vinukonda-Kopperapadu Road from Km.0.000 to 21.000 in Palnadu District.<br>v. Tenali Chandole road from Km 2/0 to 5/0 & 12/0 to 16/300, 17/600 to 20/300 in Bapatla District |  | 65.50         | 125.76        | 6.29         |
|   | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>326.50</b> | <b>628.28</b> | <b>31.42</b> |

b) **Shifting of utilities:**

| Sl. No   | Package           | Cost towards Shifting of Utilities (Rs. Cr) |
|----------|-------------------|---------------------------------------------|
| <b>1</b> | <b>SH-FDRT-01</b> | 1.50                                        |
| <b>2</b> | <b>SH-FDRT-04</b> | 1.00                                        |
|          | <b>Total</b>      | <b>2.50</b>                                 |

**(c). Major District Roads:**

| Sl. No. | Name of Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Package No. | Estimate Amount in Rs. Cr. | Total Semi-Annuity to be paid for 10 years in Rs. Cr. | Semi Annuity Amount Rs. Cr. |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|-------------------------------------------------------|-----------------------------|
| 1       | <p>Design, Construction, Finance, Operation, Maintenance and Transfer of “Improvements of 7 Major District roads in Kakinada, East Godavari &amp; Dr. BR. Ambedkar Konaseema Districts with Full Depth Reclamation Technology on BOT (Annuity) Basis”</p> <p>i. Pallamkurru-Balusutippa road from Km 2.900 to 8.200 in Dr.BR.Ambedkarkonaseema District</p> <p>ii. Yedurlanka-G.Moolapalem road from Km 4.635 to 10.140 in Dr. BR. Ambedkar konaseema District</p> <p>iii. Pothavaram-K.Yenugupalli road from Km0.000 to 4.620 in Dr. BR. Ambedkar konaseema District</p> <p>iv. Raghavapuram - Gokavaram road(via)Itikayalapalli,Gadela palem,Tantikonda from Km 0.000 to 12.276 in East Godavari District</p> <p>v. Tetagunta-Rowthulapudi road from Km 7.400 to 10.200 in Kakinada District</p> <p>vi. Veeravaram-Dulla road from Km 0.000 to 8.000 in East Godavari District</p> <p>vii. Ryali -Ankampalem road via Bulliyerevu, Paticheruvu road from km 0/0 to 6/510 Dr.BR AmbedkarKonaseema District</p> | MDR-FDRT-01 | 42.50                      | 81.82                                                 | 4.09                        |
| 2       | <p>Design, Construction, Finance, Operation, Maintenance and Transfer of “Improvements of 7 Major District Roads in West Godavari &amp;Eluru Districts with Full Depth</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MDR-FDRT-02 | 55.30                      | 109.09                                                | 5.45                        |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |       |        |      |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|------|
|   | Reclamation Technology on BOT (Annuity) Basis”                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |       |        |      |
|   | <ul style="list-style-type: none"> <li>i. Attili-Alampuram road from Km 6.000 to 16.260 in West Godavari District</li> <li>ii. Uradallapalem-Duvva road from Km 0.000 to 11.200 in West Godavari District</li> <li>iii. Upputeru-Kalidindi road from Km 1.770 to 13.000 in Eluru District</li> <li>iv. Navabpalem-Dandagarra road from Km 0.000 to 7.340 in West Godavari District</li> <li>v. Gundugolanu-Korukollu road from Km 0.000 to 5.600 in Eluru District</li> <li>vi. Ponguturu-Lakkavaram road from Km 0.000 to 11.950 in Eluru District</li> <li>vii. Velpur-Rameswaram road from Km 0.000 to 11.100 in West Godavari District</li> </ul>                                                                        |             |       |        |      |
| 3 | <p>Design, Construction Finance Operation and Transfer for Improvements of 7 MDRs in Krishna District with FDR Technology on BOT (Annuity Basis)</p> <ul style="list-style-type: none"> <li>i. Strengthening of MNK road to VK road via Aripirala , Ramapuram road from Km 0/0 to 7/736</li> <li>ii. Strengthening of Uppuluru to Madduru road from Km 0/0 to 2/710 and 5/8 to 9/850</li> <li>iii. Strengthening of Nagayalanka to Koduru road from Km 0/0 to 7/0</li> <li>iv. Strengthening of Elamarru-Dosapadu road from Km 0.000 to 13.800</li> <li>v. Strengthening of Km 53/8 of MNK road to Gogunta from Km 0/0 to 6/936</li> <li>vi. Strengthening of Pedaparupudi - Pamarru road from Km 7.730 to 15.570</li> </ul> | MDR-FDRT-03 | 51.50 | 103.13 | 5.16 |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |               |               |              |
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|   | vii. Strengthening of Gudivada-Polukonda-Kanukollu road from Km 0.00 to 16.400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |               |               |              |
| 4 | Design, Construction Finance Operation and Transfer for Improvements of 8 MDRs in Guntur, Palnadu & Bapatla Districts with FDR Technology on BOT (Annuity Basis)<br><br>i. Strengthening of Guntur - Vatticherukuru road from Km 0/0 to 5/0<br>ii. Strengthening of road from Km 5/2 of OM road to Km 8/2 of OM road (via) Vinjanampadu - Pallapadu road from Km 9.000 to 23.800<br>iii. Strengthening of Ponnuru - Pandrapadu - Varagani road from Km 17.000 to 22.000<br>iv. Strengthening of Satuluru - Murikipudi road from Km 16/2 to 31/670<br>v. Strengthening of VNP R&B road @ 45/0 to UT (via) Kattubadivaripalem and Kammavaripalem from Km 1/0 to 13/0<br>vi. Strengthening of Repalle - Thummala - Gangadipalem road from Km 6/0 to 13/0<br>vii. Strengthening of Kuchipudi - Sangamjagarlamudi Road from Km 0/0 to 8/7<br>viii. Strengthening of Bapatla - Pedanandipadu (via) Mulapalem Road Km 0/0 to 9/830 | MDR-FDRT-04 | 57.00         | 114.49        | 5.72         |
|   | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | <b>206.30</b> | <b>408.53</b> | <b>20.42</b> |

6) The amount sanctioned on para (5) above, for State Highway packages shall be debited under the Head of Account " M.H.5054-Capital outlay on Roads and Bridges - SMH.03-State Highways- M.H.337-Road Works- GH.11-State Development Schemes- SH(51)-FDR Technology for State Highways (Semi-Annuity)- DH.530-Major Works- SDH.531-Major Works and for Major District Roads packages shall be debited under the Head of Account "M.H.5054-Capital

outlay on Roads and Bridges - SMH.04-District and Other Roads- M.H.337-Road Works- GH.11-State Development Schemes- SH(52)- FDR Technology for MDR (Semi-Annuity) - DH.530-Major Works-SDH.531-Major Works”.

7) The Chief Engineer (R&B), State Highways, Managing Director, Andhra Pradesh Road Development Corporation, Vijayawada and Engineer-in-Chief (R&B) MDRs, AP shall follow the RFP conditions as approved and there shall not be any deviation. They shall also follow Government memo in ref 4th cited and the APPWD-Code, procedures/ provisions related to FDR technology and relevant Government instructions during evaluation of tender, award of work and their subsequent implementation.

8) The provision of price escalation from the packages shall be deleted since the works are to be taken up on a semi-annuity basis.

9) For the next 11 ½ (Eleven and half ) years, no work shall be sanctioned on these 464.377 km of road which are included under FDR Technology.

10) This order issues with the concurrence of the Finance (FMU.TR&B) Dept vide their U.O.No. FIN01-FMUOMRAS / 50 /2023 –FMU - TR-B 2006571, (1996777), dt.21.07.2023 and dt.03.08.2023.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

PRADYUMNA P.S  
SECRETARY TO GOVERNMENT

To

The Engineer-in-Chief (R&B) MDRs, AP, Vijayawada

The Chief Engineer (R&B) State Highways & Managing Director, Road Development Corporation, Vijayawada.

All the Committee members through Engineer-in-Chief (R&B) MDRs, AP, Vijayawada

Copy to:

The Finance (FMU.TR&B) Department, A.P.

The Director of Treasuries & Accounts, A.P., Vijayawada.

The Director of Works & Accounts, A.P., Vijayawada.

The P.S to Hon'ble Chief Minister

P.S. to Hon'ble M (R&B).

The PS to Chief Secretary.

The P.S. to Secretary, TR&B Dept.

SF/SC.

//FORWARDED BY ORDER//

 04/08/2023  
SECTION OFFICER

